

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Rugged-Touch panel, 10.92 cm / 4.3"-TFT display (Analog resistive (GFG)), 480 x 272 pixel(s) (WQVGA), 262144 colors, Arm® Cortex®-A8, 1000 MHz, 2x USB Host 2.0, 1x COM (RS-232), 1x COM (RS-422/485), 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, TSvisIT, without bus system.

## Commercial data

Item number	2401607
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCACE
GTIN	4055626284170
Weight per piece (including packing)	600 g
Weight per piece (excluding packing)	600 g
Country of origin	DE

## Technical data

### Product properties

Product type	Operator panel
Application	Rugged

### Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
RAM	1 MB SRAM 512 MB LPDDR SDRAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD

### Display

Display type	10.92 cm / 4.3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	385 cd/m² typical (adjustable)
MTBF	40000 h
Color spectrum	262144 colors
Reading angle left	75.00 °
Reading angle right	75.00 °
Reading angle top	63.00 °
Reading angle bottom	75.00 °

### Interfaces

Interfaces	2x USB Host 2.0 1x COM (RS-232) 1x COM (RS-422/485)
Optional interfaces	none
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

### System properties

User software	TSvisIT
---------------	---------

### Electrical properties

Service life of battery	5 years (typical)
-------------------------	-------------------

### Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.2 A

## Real-time clock

Realtime clock	Yes
----------------	-----

## Mounting

Mounting type	Bolt fixing
---------------	-------------

## Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

## Environmental and real-life conditions

## Ambient conditions

Degree of protection	IP67 (front), IP20 (back) NEMA 4X
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Permissible humidity (operation)	20 % ... 85 %
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

## Dimensions

## External dimensions

Width / Height / Depth	171 mm / 131 mm / 5 mm (Dimensions of the front plate)
------------------------	--

## Installation dimensions

Width / Height / Installation depth	136 mm / 96 mm / 68 mm (Mounting cutout, depth with bus system present in the device)
-------------------------------------	---

## Classifications

### UNSPSC

UNSPSC 21.0

43211904

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-15
An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.	

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
-------------------------------------	----------------------

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)